

Edward J. Massaro

Education

- A.B., Rutgers University, Rutgers, NJ; Biology, Chemistry, 1955.
- M.A., University of Texas, Austin, TX; Biochemistry, Cell Biology, 1958.
- Ph.D., University of Texas Medical Branch, Galveston, TX; Anatomy, Biochemistry, Physiology, 1962.

Professional Experience

- 1983-Present: Toxicologist, EPA.
- 1985-1990: Chief, Dosimetry; Director, Flow Cytometry, EPA.
- 1983-1986: Director, Inhalation Toxicology Division, EPA.

Research Interests and Skills

Biochemical toxicology of metals; neurotoxicology; inhalation toxicology; interaction of toxicants and drugs with cellular membranes, ion channels and the cytoskeleton; apoptosis; signal transduction; mechanism of action of endocrine disruptors.

Professional Activities

- Adjunct Faculty: Toxicology, Duke University, Durham, NC; 1986-present; Toxicology, UNC, Chapel Hill, NC. 1984-present.
- Editor: CRC Handbook of Human Toxicology, 1992-Present.
- Editor-in-Chief:
- Handbook of Neurotoxicology. Volume 1. Humana Press, Totowa, NJ. 672 pages, 2001.
- Handbook of Neurotoxicology. Volume 2. Humana Press, Totowa, NJ. 684 pages, 2002.
- Handbook of Copper Pharmacology and Toxicology. Humana Press, Totowa, NJ. 587 pages, 2002.
- Folate in Health and Disease (with John M. Rogers). Humana Press, Totowa, NJ. 376 pages, 2002.
- The Skeleton: Biochemical, Genetic and Molecular Interactions in Development and Homeostasis (with John M. Rogers). Humana Press, Totowa, NJ. 456 pages, 2004.
- Cell Biochemistry and Biophysics (an international journal). 1995-present .
- CRC Methods in Toxicology (a multi-volume series). 1995-present.
- Editorial Board: Biological Trace Element Research. 1983-present.

Selected Publications

Massaro EJ, Rogers JM. 2002. *Folate in Human Development*. Humana Press, Boca Raton, FL. 376 pages.

Massaro EJ, Rogers JM. 2005 *The Skeleton: Biochemical, Genetic and Molecular Interactions in Development and Homeostasis*. Humana Press, Boca Raton, FL. 456 pages.

Massaro EJ. 2002. *Handbook of Copper Pharmacology and Toxicology*. Humana Press, Totowa, NJ. 606 pages.

Massaro EJ. 2004. *Handbook of neurotoxicology: Volume I*. Humana Press, Totowa, NJ. 672 pages.

Massaro EJ. 2004. *Handbook of neurotoxicology: Volume II*. Humana Press, Totowa, NJ. 684 pages.